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| EXAMINER |
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VU, THANH T

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| ART UNIT | PAPER NUMBER |
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2174

DATE MAILED: 01/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/531,016

Applicant(s)

EDLUND ET AL.

Examiner

Thanh T. Vu

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This communication is responsive to Amendment B, Filed 10/27/03.

Claims 22-42 are pending in this application. In the Amendment B, claims 1-21 were cancelled, and claims 22-42 were added.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 22-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Barnett et al. ("Barnett", U.S. Pat. No. 6,3698,840).

Per claim 22, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service comprising the steps of:

receiving a calendar event (fig. 6; calendar event: 601, col. 9, lines 48-59);
mapping said calendar event to a set of topic names (figs 7A, 7B; topic names: 706);
determining the existence of one or more topic channels provided by said topic publisher which are associated with said topic names (fig. 15; col. 10, lines 15-20; col. 10, lines 23-43);
incorporating, within said calendar event, a link to at least one service, at least one service relating to one of said one or more topic channels (figs. 7A and 7B; links: 706; col. 11, lines 22-27), and

receiving frequently updated service messages from said topic publisher for said topic names and topic channels that are associated with said calendar event (col. 10, lines 23-43).

Per claim 23, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, comprising the additional step of parsing said calendar event to identify at least one event category (col. 9, lines 48-67).

Per claim 24, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 23, wherein said at least one event category is used when determining said one or more topic channels (col. 9, lines 60-67).

Per claim 25, Barnett a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, comprising the additional step of parsing said calendar event to identify at least one event characteristic (col. 9, lines 55-59).

Per claim 26, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 25, wherein said at least one event characteristic is used when determining said one or more topic channels (col. 10, lines 23-28).

Per claim 27, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, wherein said step of incorporating a link further comprises: for each of said one or more topic channels, performing the steps:

determining if a link to a related service already exists (col. 10, lines 54-67);

if said link to said service does not exist, creating and opening said link, and if said link to said service does exist, then opening said link (col. 11, lines 3-6).

Per claim 28, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, wherein said one or more information topics are published by an information service (col. 9, lines 60-64; col. 10, lines 23-26).

Per claim 29, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, wherein said one or more information topics are published as one or more topic channels (col. 10, lines 43-53; col. 11, lines 8-27).

Per claim 30, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, further comprising the step: persistently storing, in computer storage, said calendar event (col. 10, lines 43-53).

Per claim 31, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, wherein said method is implemented locally or remotely on one or more computer-based systems (col. 9, lines 60-67; col. 10, lines 23-43).

Per claim 32, Barnett teaches a method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, wherein said method is implemented across networks comprising any of LANs, WANs, cellular, Internet, or Web-based networks (figs. 6, and 7A-7B; col. 9, lines 60-67; col. 10, lines 23-43).

Per claim 33, Barnett teaches a method of linking calendar events to service messages from a topic publisher comprising the steps:

receiving a calendar event (fig. 6; calendar event: 601);

determining a set of topic names associated with said calendar event (figs. 7A and 7B);

for each particular topic name in said set of topic names, performing the following steps:
determining if a topic channel exists, for said particular topic name (col. 10, lines 54-67);
if said topic channel does not exist, then creating a corresponding topic channel (col. 11, lines 3-7);

if said topic channel does exist, then identifying said topic channel as a corresponding topic channel, and adding said corresponding topic channel to a set of topic channels (col. 10, lines 54-67);

for each particular topic channel in said set of topic channels, creating a link, in said calendar event, to said particular topic channel, and persistently storing said calendar event (col. 10, lines 53; col. 11, lines 8-27).

Per claim 34, Barnett teaches a method of linking calendar events to service messages from a topic publisher, as per claim 33, wherein said step of determining a set of topic names further comprises the steps:

extracting from said calendar event one or more event descriptors, and
determining, based on said one or more event descriptors, said set of topic names (col. 9, lines 60-67; col. 10, lines 23-43).

Per claim 35, Barnett teaches a method of linking calendar events to service messages from a topic publisher, as per claim 34, wherein said one or more event descriptors are event categories (col. 9, lines 48-59).

Per claim 36, Barnett teaches a method of linking calendar events to service messages from a topic publisher, as per claim 34, wherein said one or more event descriptors are event characteristics (col. 9, lines 55-59).

Per claim 37, Barnett teaches a method of linking calendar events to service messages from a topic publisher, as per claim 33), wherein said method is implemented across networks comprising any of LANs, WANs, cellular, Internet, or Web-based networks (figs. 6, and 7A-7B; col. 9, lines 60-67; col. 10, lines 23-43).

Per claim 38, Barnett teaches a method of linking calendar events to service messages from a topic publisher, as per claim 33, wherein said method is implemented locally or remotely on one or more computer-based systems (col. 9, lines 60-67; col. 10, lines 23-43).

Per claim 39, Barnett teaches a subscription system for mapping a topic subscriber creating electronic calendar events to a topic publisher, said system comprising:

a calendar server handling request for a new calendar event (col. 9, lines 60-67; col. 10, lines 15-23), said server comprising:

a request handler receiving a request for said calendar event to be scheduled (col. 9, line 60 – col. 10, line 10),

a topic binding repository mapping said calendar event to a set of topic names (figs 6, and 7A-7B; col. 10, lines 43-53; col. 11, lines 22-27),

a topic finder, determining the existence of a set of topic channels provided by said topic publisher, wherein said channels correspond to said topic names received from said repository, and said topic finder further identifying at least a first and second subset of said set of topic channels (col. 10, lines 54-67);

said first subset populated by topic channels which currently exist within said calendar system (col. 10, lines 54-67);

said second subset populated by topic channels which currently do not exist within said calendar system (col. 11, lines 3-7);

a topic creator, creating within the calendar system a set of new topic channels corresponding to each element of said second subset, said topic creator then returning said new channels to said topic finder in order to establish a subscription for frequently updated collections of information to be forwarded to a topic selector, said topic selector retrieving said topic names and topic channels associated with said calendar event as established by said topic finder, and wherein said request handler processes said calendar event by adding a link in said calendar event to each associated topic channel received from said topic selector, said topic channel passing messages from a topic publisher to a topic subscriber, and persistently storing said event for retrieval (fig. 6, and 7A-7B; col. 10, lines 23-53).

Per claim 40, Barnett teaches a subscription system for mapping a topic subscriber creating electronic calendar events to a topic publisher, as per claim 39, wherein said repository also extracts at least one event category for said calendar event which said repository uses to determine said list of topic names (col. 10, lines 23-43).

Per claim 41, Barnett teaches a subscription system for mapping a topic subscriber creating electronic calendar events to a topic publisher, as per claim 39, wherein said repository also extracts at least one event characteristic for said calendar event which said repository uses to determine said list of topic names (col. 9, lines 55-59).

Claim 42 is rejected under the same rationale as claim 22.

Inquiries

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh T. Vu whose telephone number is (703)-308-9119. The examiner can normally be reached on Mon-Thur and every other Fri 8:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (703) 308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

T. Vu
01/22/04

Kristine Kincaid
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